

Spreck Rosekrans

February 2010

Senior Analyst

Area of Specialty: Water Project Operations

Curriculum Vitae

Mr. Rosekrans has been an analyst in the Land, Water and Wildlife Program at the Environmental Defense Fund since 1988. He has developed extensive expertise during this time in the operations, planning and management of water projects in California and the west.

Mr. Rosekrans was the first public-interest user of DWRSIM, DWR's long-term planning model, in 1989. The modifications that he made to DWRSIM were presented to the SWRCB during the D1630 hearings and were subsequently adopted by DWR. Mr. Rosekrans has also used and comprehensively analyzed the Bureau of Reclamation's PROSIM, SANJASM and STANMOD models and has been similarly involved with CALSIM, the State-federal California planning model replacing DWRSIM, since its inception. Mr. Rosekrans "peak-shaving" hourly hydroelectric model was adopted by the Bureau of Reclamation for evaluation of operational alternatives at Glen Canyon Dam. Mr. Rosekrans has also developed a model for evaluating costs of different regulatory mechanisms, including tradable discharge permits, to regulate drainage from agriculture.

Mr. Rosekrans has represented the Environmental Defense Fund as a member of the California Water and Environmental Modeling Forum and was the group's Convener in 1999. He served two terms as a member of the State Water plan (Bulletin 160) Advisory Public Committee. He also has served on the Trinity River Adaptive Management Working Groups and was a member of the Stakeholder Coordination Group for the Delta Vision Task Force.

Mr. Rosekrans has testified several times before the SWRCB and in federal court over the last two decades.

Partial list of publications:

Rosekrans, Spreck, Nancy Ryan, Ann Hayden, Thomas J. Graff and John Balbus, Paradise Regained: Solutions for Restoring Yosemite's Hetch Hetchy Valley, Environmental Defense, 2004

Rosekrans, Spreck, and Daniel Kirshner and Chris Marnay, Issues in Electricity Planning with Computer Models: Illustrations with Elfin and WASP, Utilities Policy, 1998, 19 pages

Harpman, D.A. and A.S. Rosekrans. Modeling Hourly Operations at Glen Canyon Dam-Colorado River Storage Project, Arizona. GCPS09 version 1.0. U.S. Department of the Interior, Bureau of Reclamation Report #EC-96-12. September 1996. Springfield, Virginia: National Technical Information Service. 55 pages. NTIS# PB97-500730.